

## WHAT IS CLAIMED IS:

1. A process for producing transfer factor, said process comprising the steps of:

5       immunizing a female bird with a sufficient quantity of at least one selected antigen so that said bird develops immunity to said at least one antigen, after said bird develops immunity to said at least one antigen, collecting eggs laid by said bird; and

10       treating said eggs to recover transfer factor therefrom.

15       2. The process as recited in claim 1, wherein said treating step further comprises the steps of:

      separating the egg yolks from said eggs;

      mixing said egg yolks with water to produce a suspension;

20       removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and

      recovering said fluid.

25       3. The process as recited in claim 1, wherein said treating step further comprises the steps of:

      separating the egg whites from said eggs;

      mixing said egg whites with water to produce a suspension;

      removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and

      recovering said fluid.

4. The process as recited in claim 1, wherein said treating step further comprises the steps of:

mixing the egg whites and egg yolks with water to produce a suspension;

removing cells and cell debris from said suspension to produce a fluid

5 containing at least some of said transfer factor; and

recovering said fluid.

5. The process as recited in claim 1, wherein said transfer factor is contained in a fluid recovered from said eggs, further comprising the step of evaporating said

10 fluid.

6. The process as recited in claim 1, further comprising the step of adding an effective amount of natural egg yolk to said composition.

15 7. The process as recited in claim 1, further comprising the step of adding an effective amount of sodium chlorate to said composition.

8. The process as recited in claim 1, further comprising the initial step of administering an effective dose of sodium chlorate to said birds.

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9. The process as recited in claim 1, wherein said bird is of the family Phasianidae.

10. A transfer factor composition, said composition made by a process

25 comprising the steps of:

immunizing a female bird with a sufficient quantity of at least one selected antigen so that said bird develops immunity to said at least one antigen; after said bird develops immunity to said at least one antigen, collecting eggs laid by said bird; and

5       treating said eggs to recover transfer factor therefrom.

11. The composition as recited in claim 10, wherein said treating step further comprises the steps of:

separating the egg yolks from said eggs;

10       mixing said egg yolks with water to produce a suspension;

      removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and

      recovering said fluid.

15       12. The composition as recited in claim 10, wherein said treating step further comprises the steps of:

separating the egg whites from said eggs;

      mixing said egg whites with water to produce a suspension;

      removing cells and cell debris from said suspension to produce a fluid

20       containing at least some of said transfer factor; and

      recovering said fluid.

13. The composition as recited in claim 10, wherein said treating step further comprises the steps of:

25       mixing the egg whites and egg yolks with water to produce a suspension;

removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and  
recovering said fluid.

5        14. The composition as recited in claim 10, wherein said transfer factor is contained in a fluid recovered from said eggs, further comprising the step of evaporating said fluid.

10        15. The composition as recited in claim 10, further comprising the step of adding an effective amount of natural egg yolk to said composition.

16. The composition as recited in claim 10, further comprising the step of adding an effective amount of sodium chlorate to said composition.

15        17. The composition as recited in claim 10, further comprising the initial step of administering an effective dose of sodium chlorate to said birds.

18. The composition as recited in claim 10, further comprising at least one added constituent added to said fluid, said constituent selected from the group 20 consisting of edible and injectable constituents.

19. A method for treating the immune system of an animal, said method comprising the step of administering to said animal a composition containing transfer factor, said composition made by a process comprising the steps of:

25        immunizing a female bird with a sufficient quantity of at least one selected antigen so that said bird develops immunity to said at least one antigen;

after said bird develops immunity to said at least one antigen, collecting eggs laid by said bird; and

adding said transfer factor to an edible or an injectable constituent.

5 20. The method as recited in claim 19, wherein said bird is gallinaceous.

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